

National Capital Urban Design and Security Plan Handbook - DRAFT

Supplement to Attachment 1,
Proposed Urban Design and Security Objectives and Policies

Notes: _____

Dear Interested Parties,

NCPC is beginning to prepare a handbook to supplement the National Capital Urban Design and Security Plan. The purpose of the handbook is to assist the user by diagraming additional technical information related to urban design and security. The handbook is not intended to be prescriptive, it is intended to address some of the methods to provide building perimeter security in a manner that is sensitive to good city planning and design principles in the National Capital Region. We intend to supplement the attached graphics with additional diagrams, illustrations and pictures as we continue to develop the handbook.

The attached draft handbook illustrates the proposed policies and objectives found in Attachment 1. It is a working document. Comments on the graphics are also welcome during the 60-day comment and review period.

Thank you for taking the time to review and comment on the proposed policies, illustrations and diagrams.

February 5, 2005



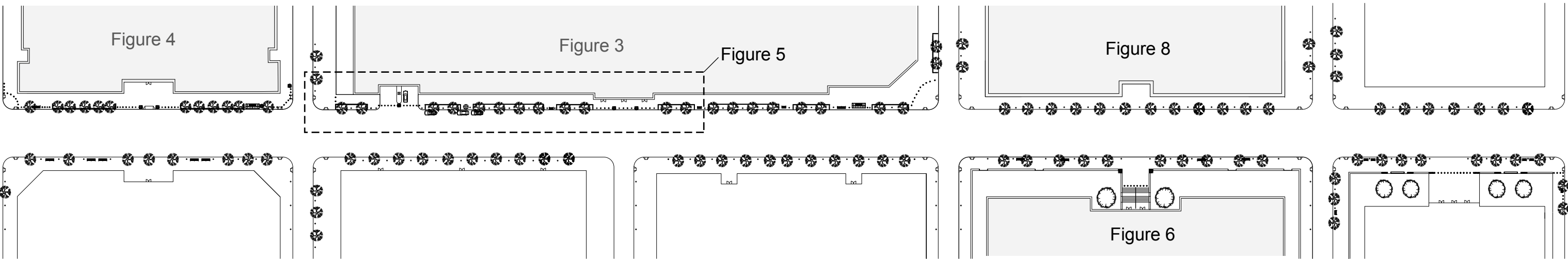
National Capital Urban Design and Security Plan Handbook - *DRAFT*

Proposed Objectives:

- 1. To protect the design principles inherent in D.C.'s historic plan and its historic resources and minimize the physical and visual intrusion of security barriers into public space (such as the national capital's vistas, rights-of-way, parks, squares, circles and plazas). These spaces, vistas and environs embody the American ideals of a free and open society.
- 2. To strike a balance between physical perimeter security for federal buildings and the vitality of the public realm.
- 3. To acknowledge that acceptance of a reasonable level of risk is inherent in striking an appropriate balance between security provisions and other fiscal, planning, design or operational objectives.
- 4. To encourage a multi-faceted approach to selection of appropriate security measures that considers intelligence information, operational and procedural measure (such as surveillance and screening) and design strategies (such as structural engineering, window glazing, emergency egress and physical perimeter barriers).
- 5. To limit the vulnerability of explosives entering or being placed adjacent to sensitive federal buildings.

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- Figure 6...Building Yard Perimeter Security Detail Plan and Elevation
- Figure 7...New Construction Concept Detail Plan and Elevation
- Figure 8...Barrier Placement Details



Not to scale

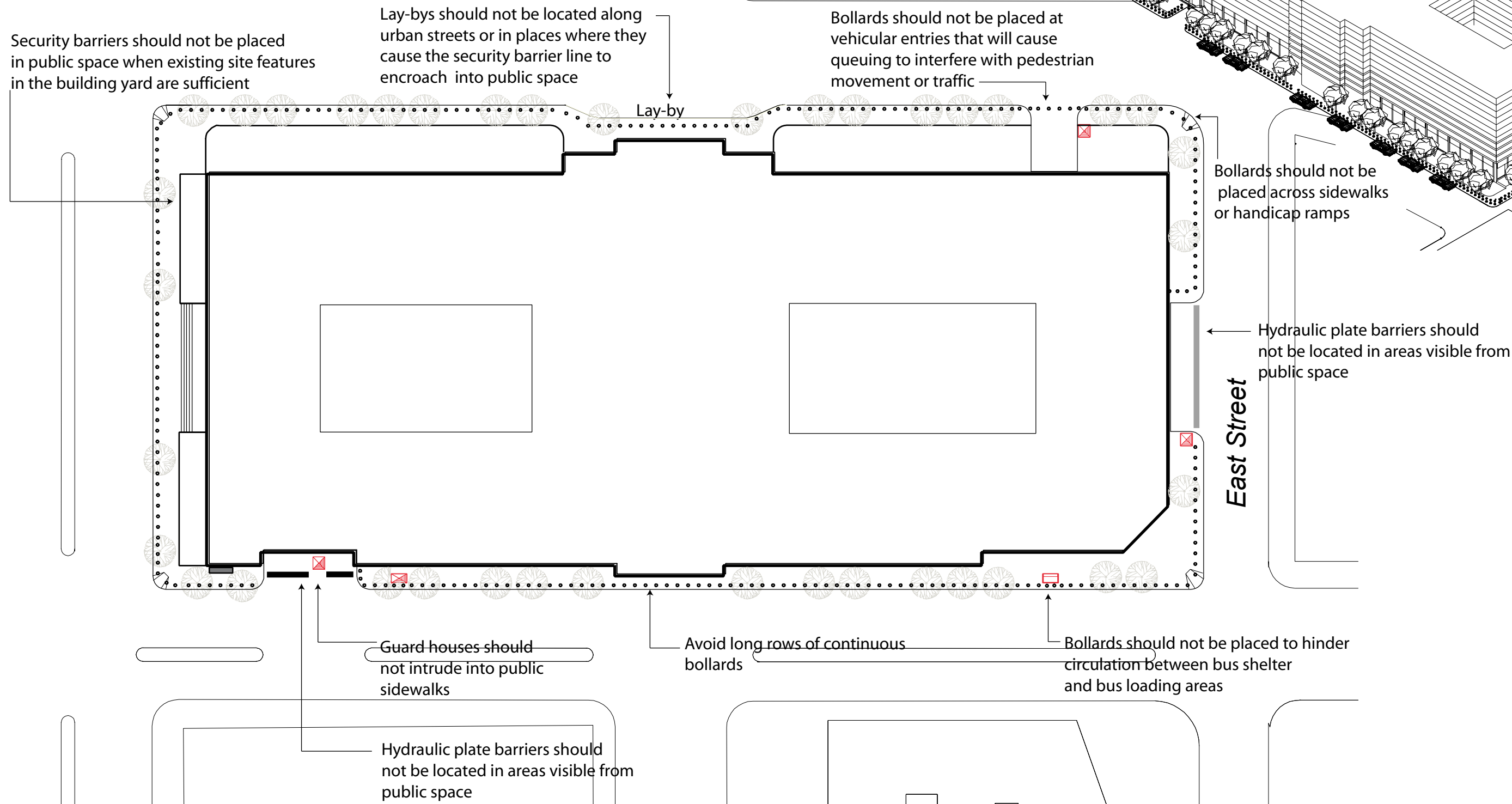
Arrange barriers to provide visual clues to identify important circulation routes, site or building features; to improve way finding and physical linkages; and enhance the pedestrian experience.

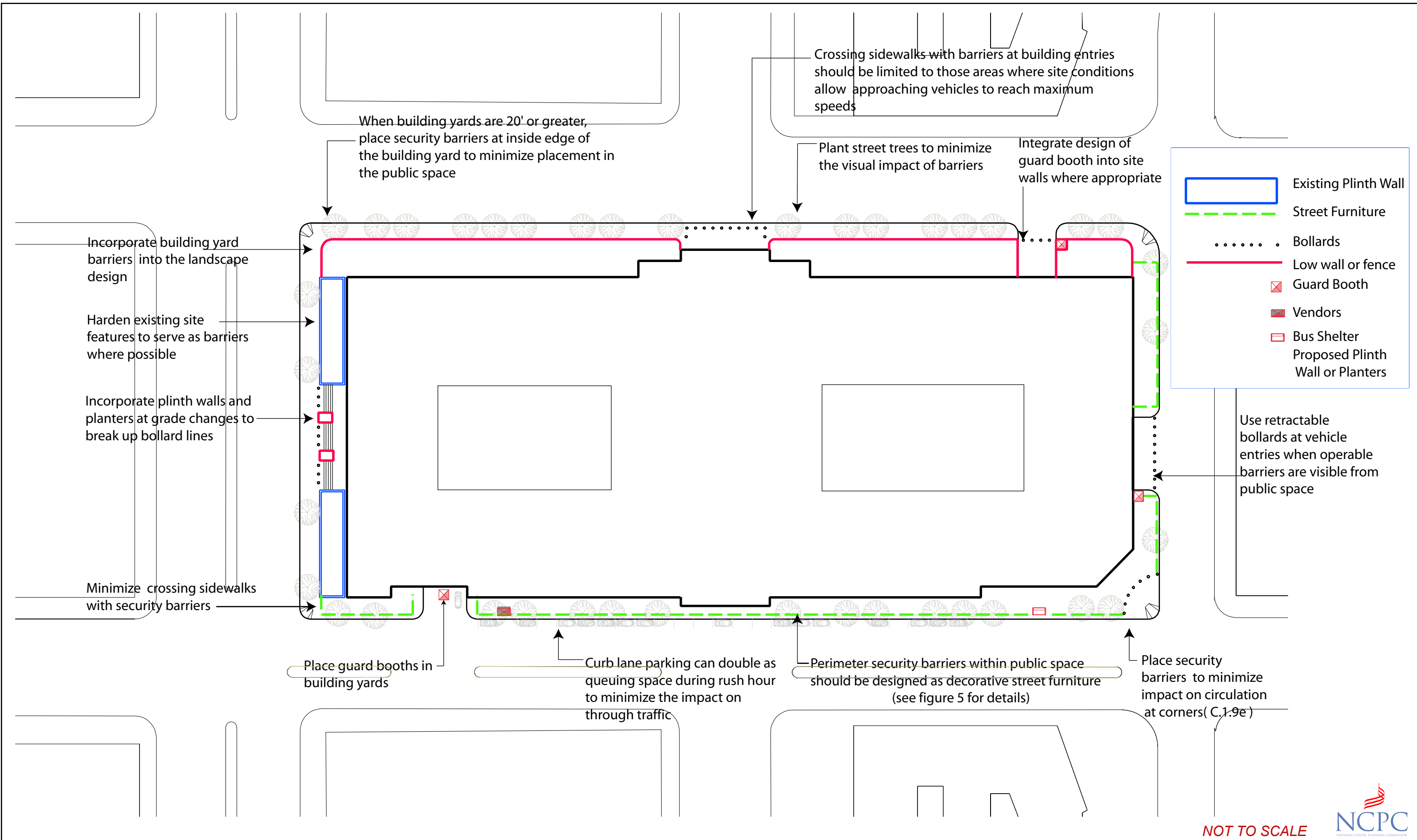
Street tree planting is encouraged to minimize the visual impact and the physical intrusion of the barriers in the urban landscape.

Perimeter security design should be compatible with and enhance the overall streetscape.

February 5, 2005












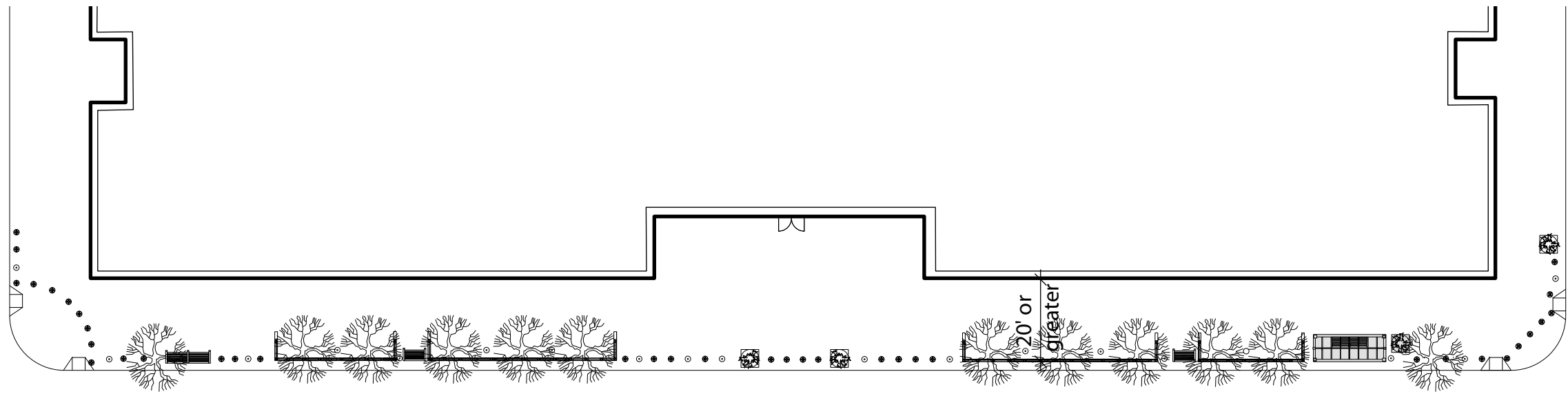
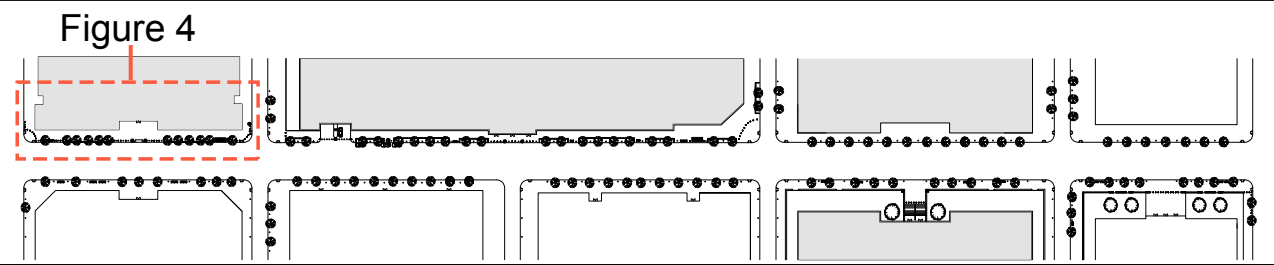


Acceptable Perimeter Security Measures: (Barrier Location and Type)

Legend

	Bollard		Decorative Planter or Urn		Bus Shelter
	Bench		Guard Booth		
	Light Post		Tree Wall Fence		

Key Plan
Not to scale

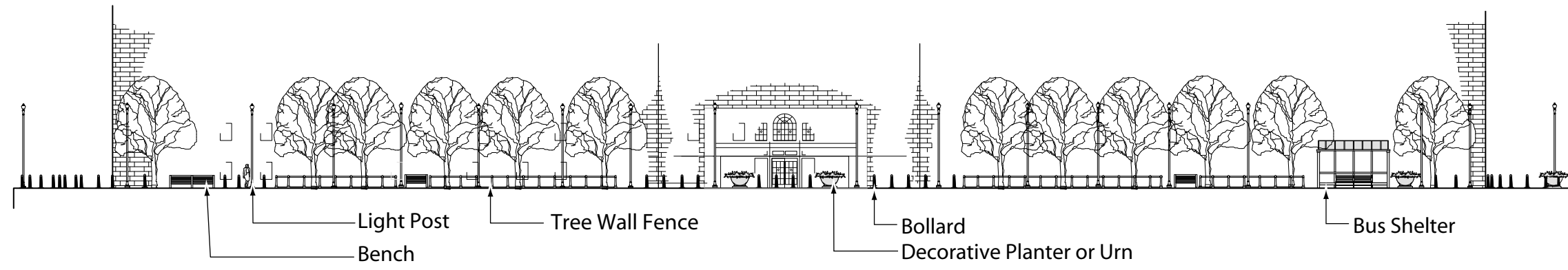


The mass, form, and materials of barrier design should complement and aesthetically enhance the surrounding architectural and landscape context.

Barriers within public space should be designed to be aesthetically pleasing and function as public amenities typically found in a streetscape.

Site Plan

Not to scale



Street Elevation

Not to scale

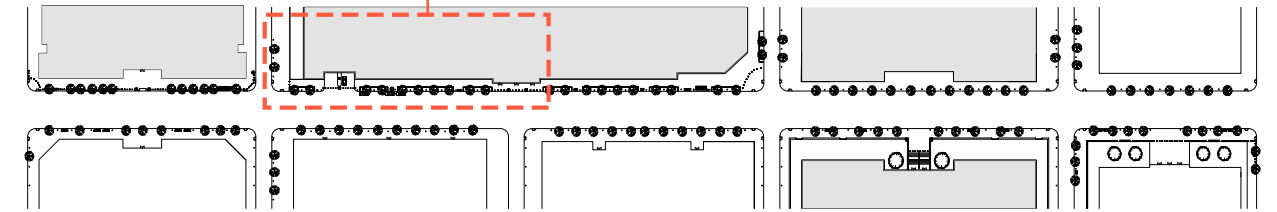
Legend

- | | | |
|--------------|-------------------|-----------------------------|
| ⊕ Bollard | ○ Trash Can | ⊠ Decorative Planter or Urn |
| ▢ Bench | ⬡ Vendor Kiosk | ⊠ Guard Booth |
| ○ Light Post | ⌵ Tree Wall Fence | ○ Hydraulic Bollard |

Key Plan

Not to scale

Figure 5



Perimeter security barriers within public space should incorporate decorative street furniture.

Place security barriers to minimize impact on circulation at intersections and minimize crossing sidewalks with bollards where possible.

Barriers that cross sidewalks should be removable to accommodate equipment access.

Bollards should be hydraulic or removable at entries to accommodate emergency access, evacuation and maintenance equipment access.

Plant trees to minimize visual impact of barriers.

Harden existing site features to serve as barriers where possible.

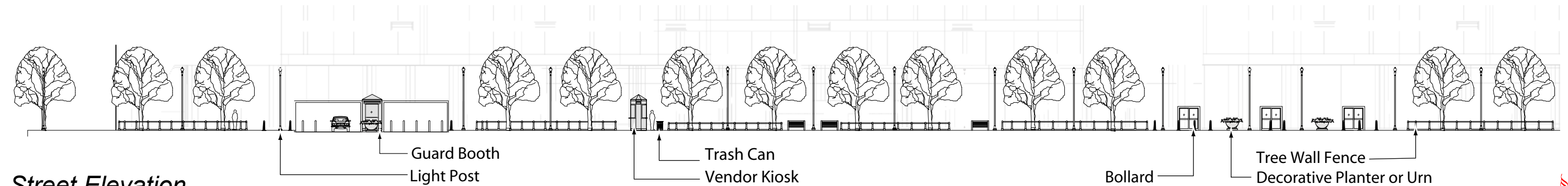
Locate guard booths in building yards.

Hydraulic bollards should be used to secure vehicle entries when visible from public space.

Curb lane parking spaces can be used as queuing space during rush hour to minimize impact on through traffic.

Site Plan

Not to scale








Street Elevation

Not to scale

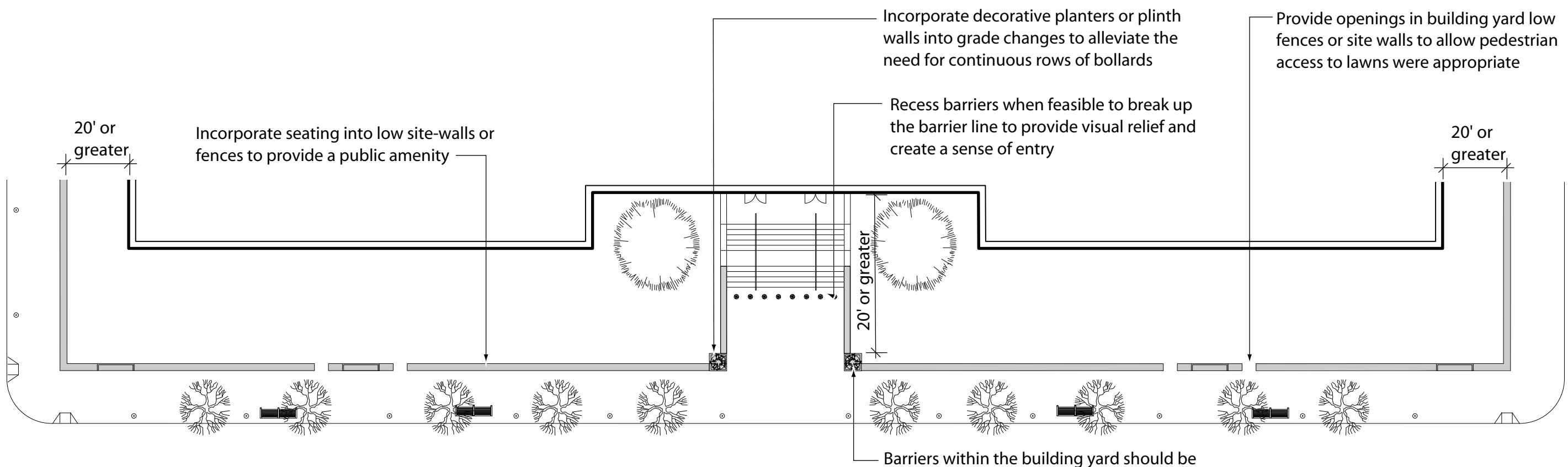
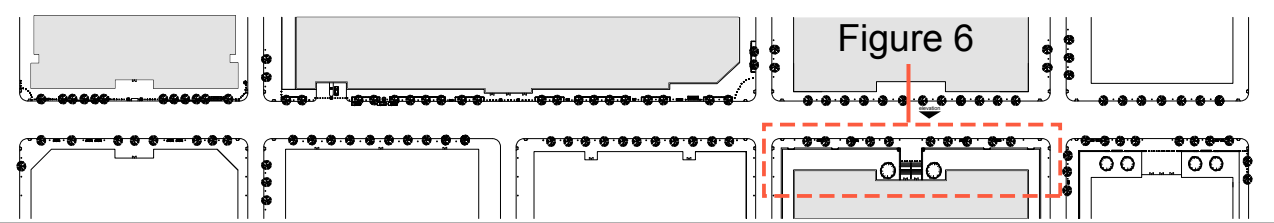


Legend

-  Bollard
-  Bench
-  Light Post
-  Decorative Planter or Urn
-  Plinth Wall Bench

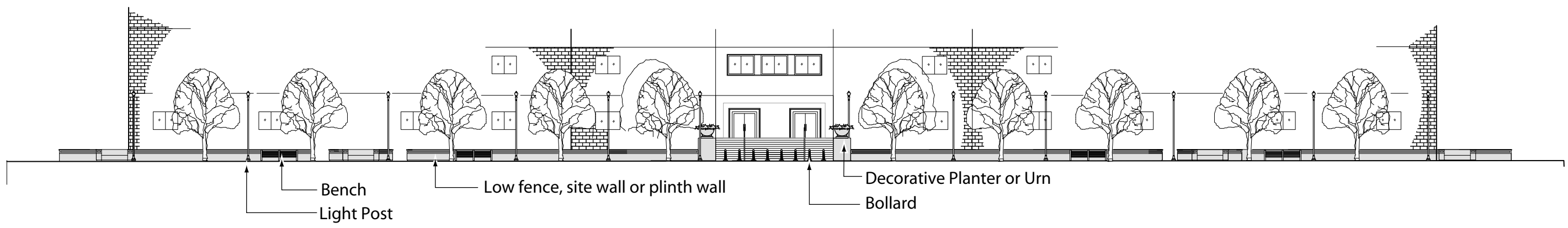
Key Plan

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Site Plan

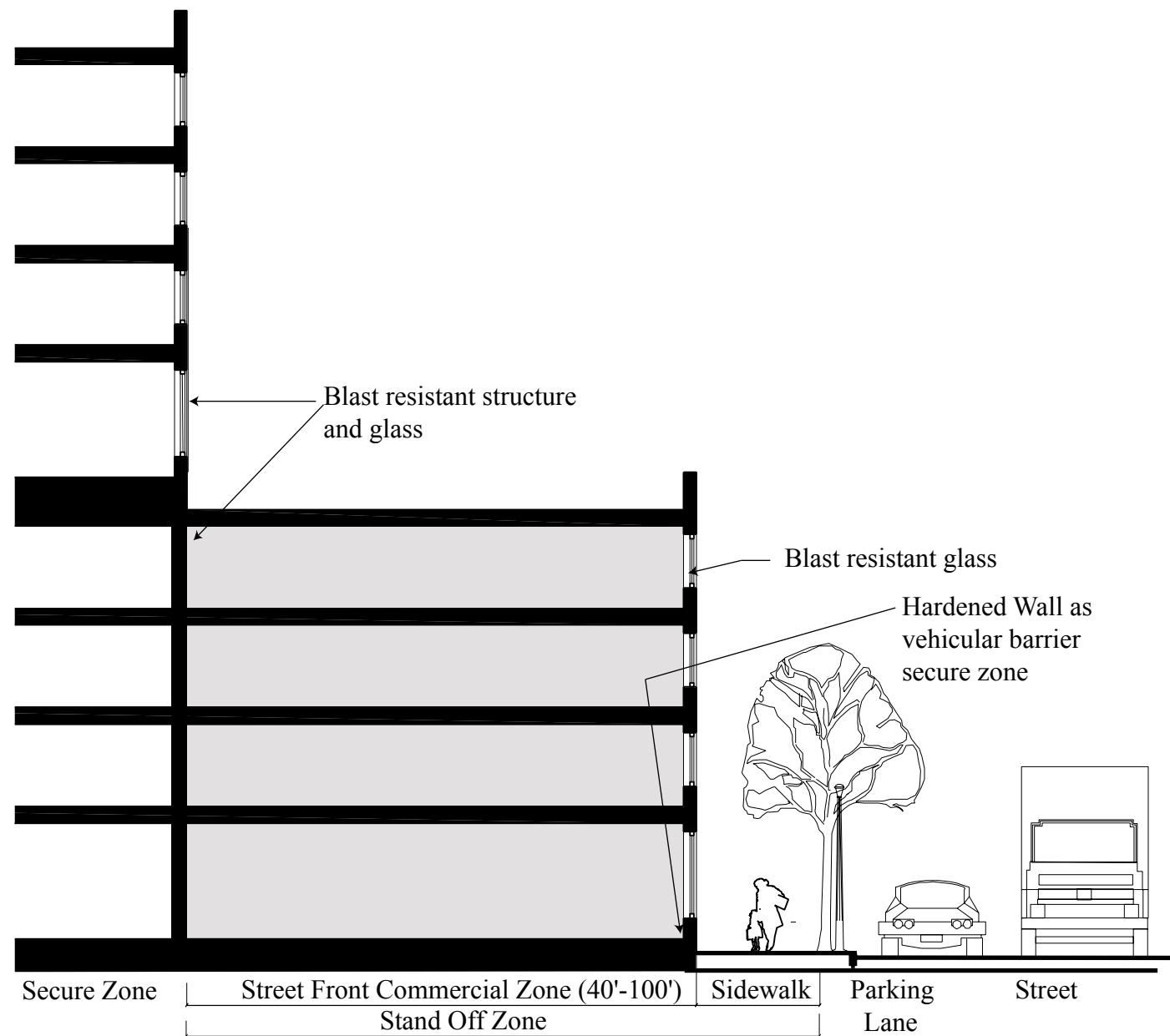
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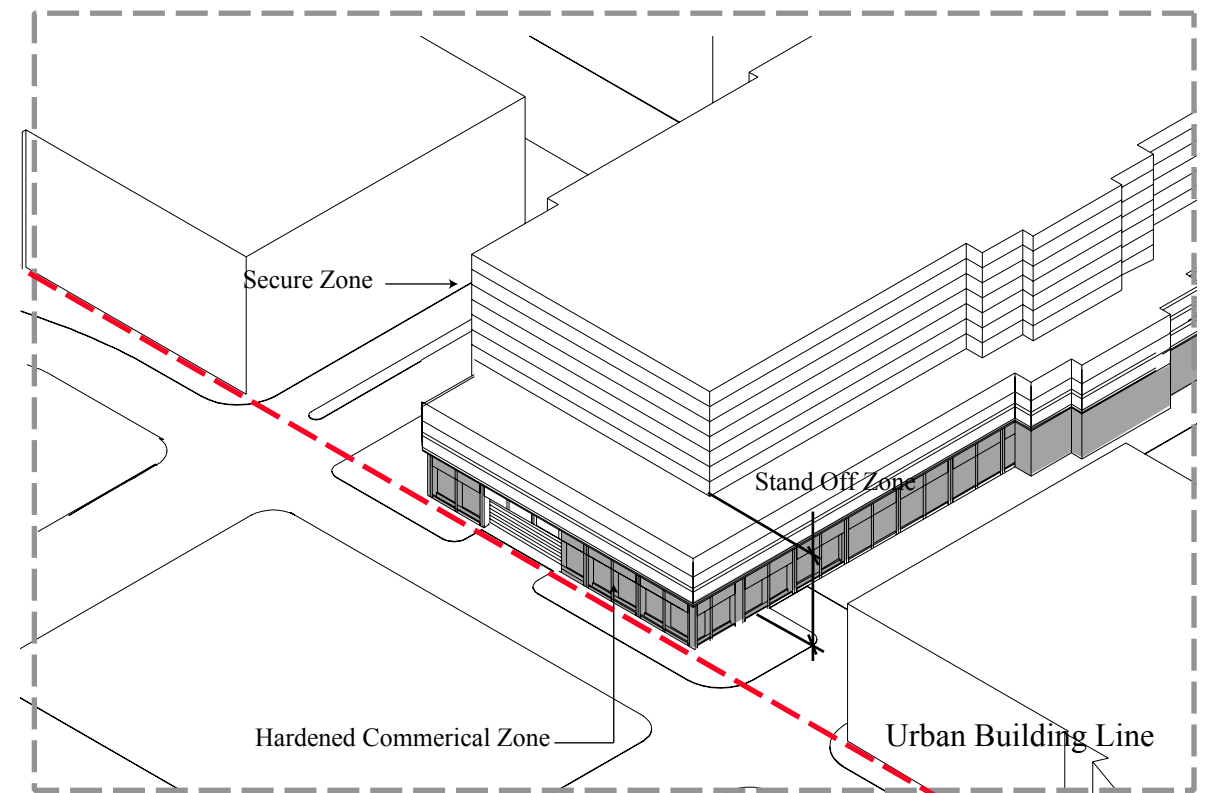
Street Elevation

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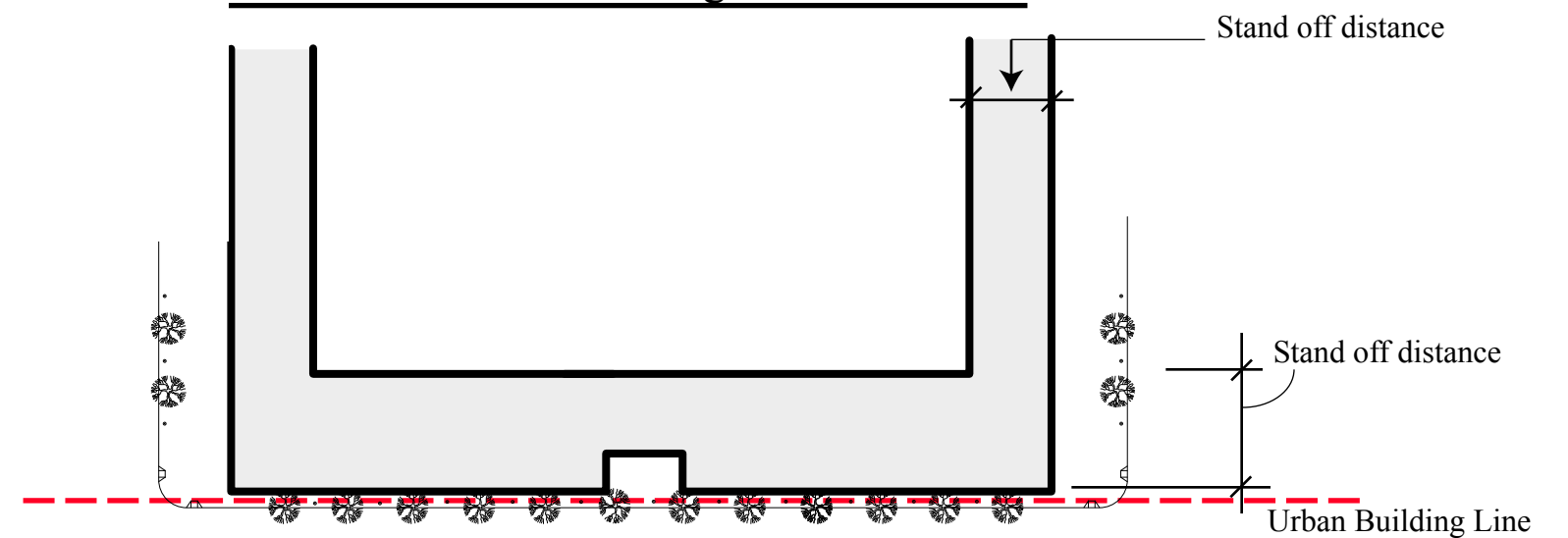




Streetfront Commercial Section

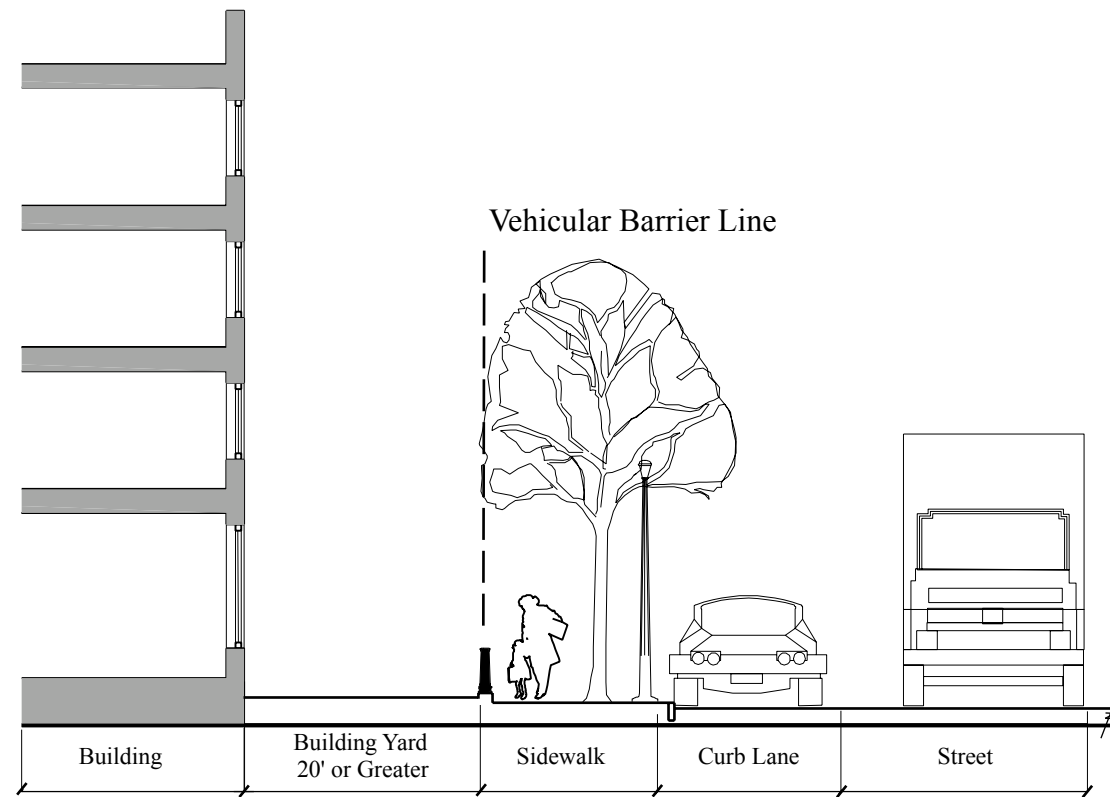


Streetfront Commercial Diagram

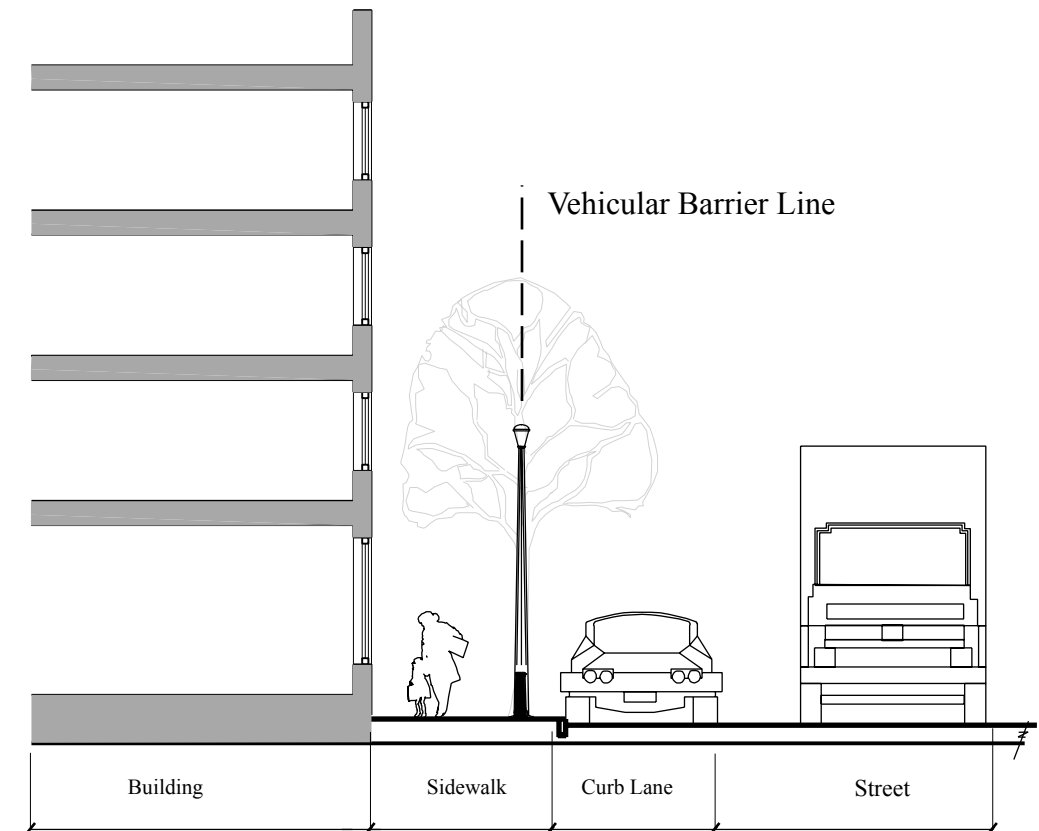


Streetfront Commercial Plan

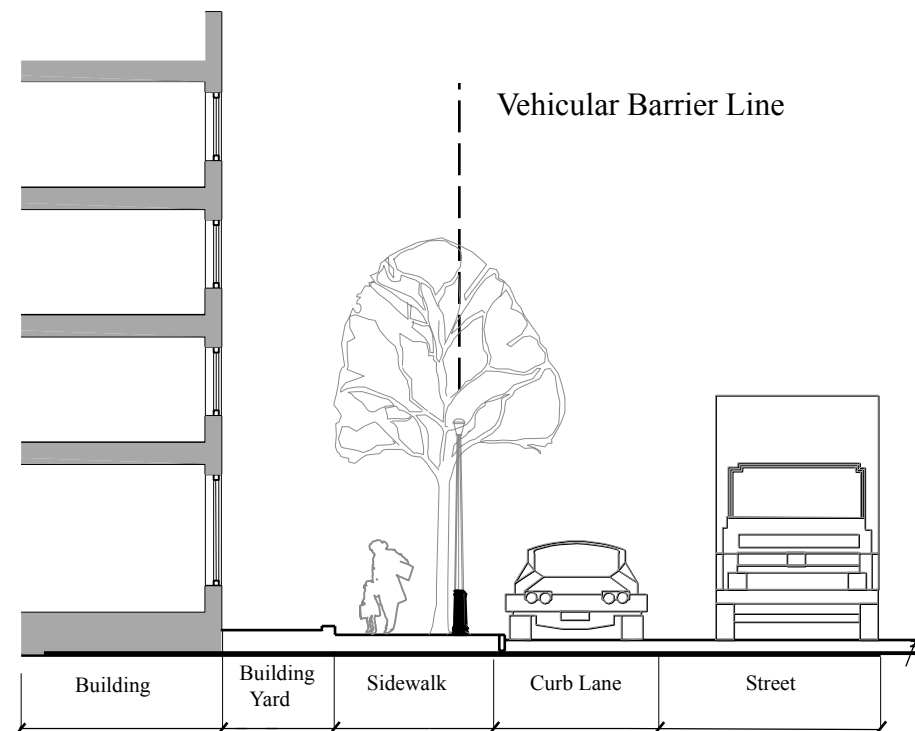
1. New buildings in urban settings should not be set back from the established urban building line. Habitable building space should be provided along the street frontage to accommodate activated ground floor uses, such as retail or other commercial enterprises. (C.1.1)



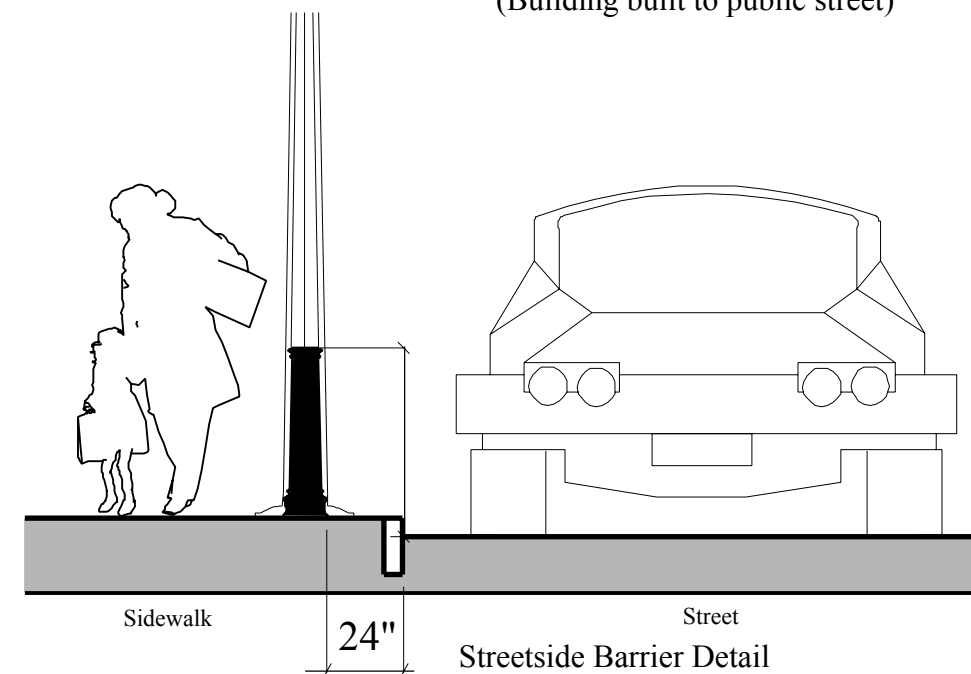
Building Yard Barrier Detail
(Building Yard 20' or greater)



Streetside Barrier Detail
(Building built to public street)



Streetside Barrier Detail
(Building Yard Less than 20')



Barrier must be placed 24"
from the curb edge to
accommodate opening of
cars doors and pedestrian
access